

## CLAIMS

- Sub 1. 1. A video camera apparatus comprising:
- a solid image sensor having an electronic shutter, for outputting an image-sensing signal in a progressive scan mode; and
  - drive control means for controlling the electronic shutter of the solid image sensor at a field cycle of a standard television system used as a basic cycle, thereby to output the image sensing signal from the solid image sensor in the progressive scan mode.
2. An image sensing method comprising steps of:
- controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in a progressive scan mode at a field cycle of a standard television system used as a basic cycle; and
  - outputting the image sensing signal from the solid image sensor in the progressive scan mode.
3. A video camera apparatus comprising:
- a solid image sensor having an electronic shutter, for outputting an image sensing signal in an interlace scan mode or a progressive scan mode;
  - control means for controlling the electronic shutter such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode; and
  - output means for outputting the image sensing signal in the progressive scan mode, based on the shutter speed.

4. An image sensing method comprising steps of:

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controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in an interlace scan mode or a progressive scan mode, such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode; and

outputting the image sensing signal from the solid image sensor in the progressive scan mode.

5. An image sensing signal recording apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image-sensing signal in a progressive scan mode;

drive control means for controlling the electronic shutter of the solid image sensor at a field cycle of a standard television system used as a basic cycle, thereby to output the image sensing signal from the solid image sensor in the progressive scan mode;

scan converter means for converting the image sensing signal based on progressive scanning, into an interlace scan signal; and

recording means for recording the image sensing signal based on progressive scanning, or the image sensing signal converted into the interlace scan signal.

6. An image sensing signal recording method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in a progressive scan mode at a field cycle of a standard television

system used as a basic cycle;

outputting the image sensing signal from the solid image sensor in the progressive scan mode;

converting the image sensing signal into an interlace scan signal; and

recording the interlace scan signal or a progressive scan signal.

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7. A video camera apparatus comprising:

a solid image sensor having an electronic shutter, for outputting an image sensing signal in an interlace scan mode or a progressive scan mode;

control means for controlling the electronic shutter such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode;

output means for outputting the image sensing signal in the progressive scan mode, based on the shutter speed;

scan converter means for converting the image sensing signal based on progressive scanning, into an interlace scan signal; and

recording means for recording the image sensing signal based on the progressive scanning, or the image sensing signal converted into the interlace scan signal.

8. An image sensing signal recording method comprising steps of:

controlling an electronic shutter of a solid image sensor which outputs an image sensing signal in an interlace scan mode or a progressive scan mode, such that a shutter speed in the progressive scan mode is equal to a shutter speed in the interlace scan mode;

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outputting the image sensing signal from the solid image sensor in the progressive scan mode;

converting the image sensing signal into an interlace scan signal; and

recording the interlace scan signal or a progressive scan signal.

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